

FIG. 1

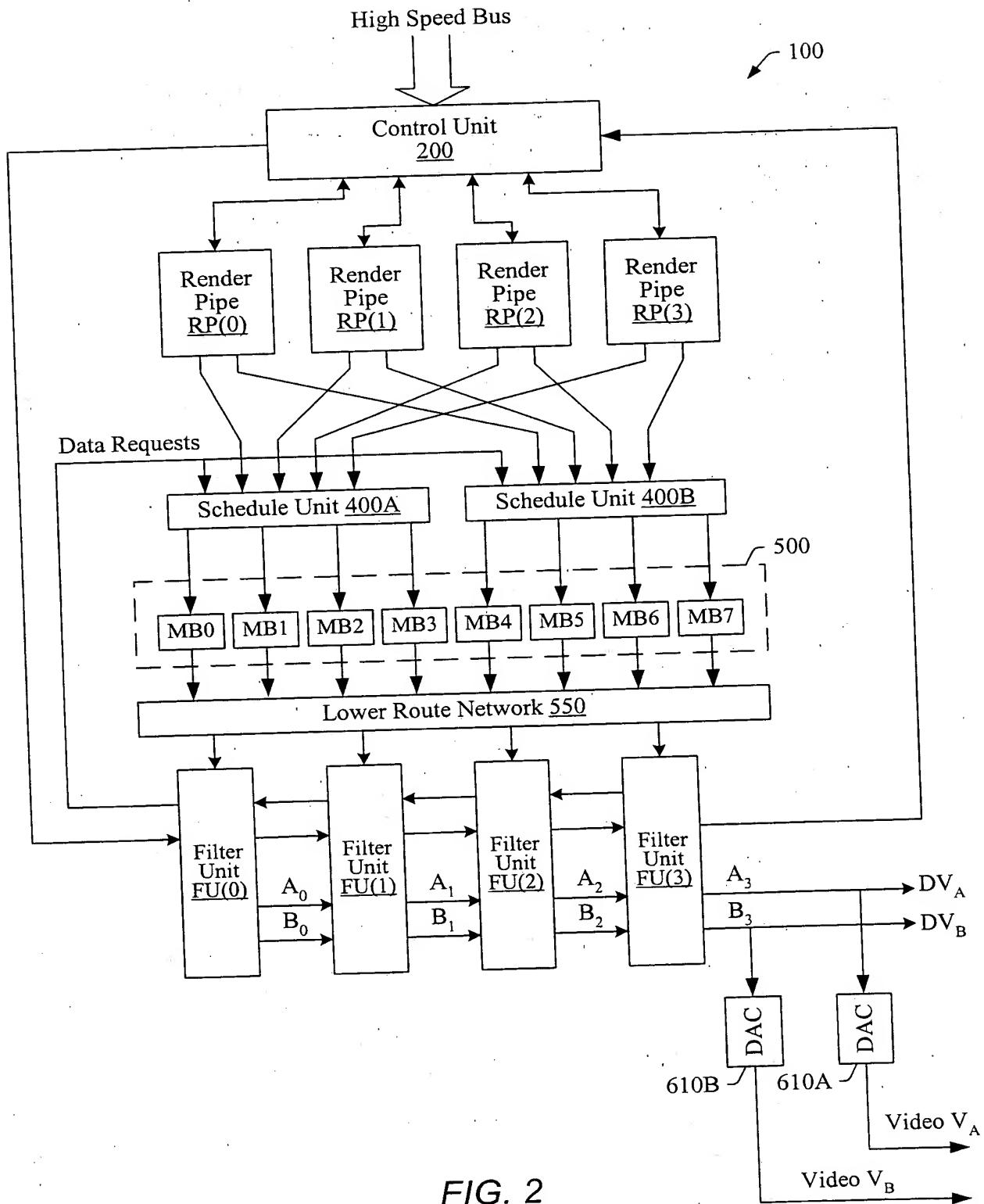


FIG. 2

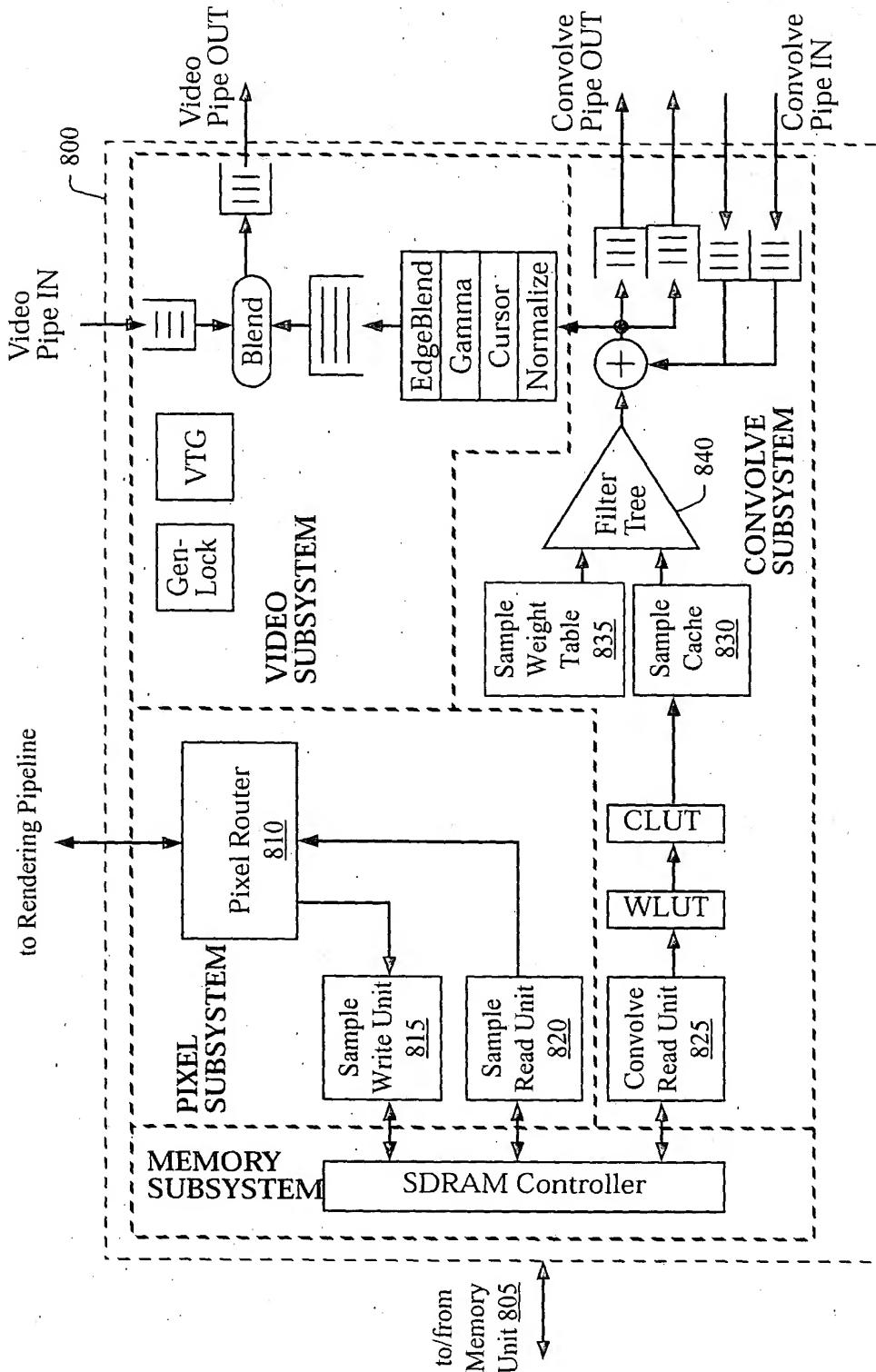


FIG. 3

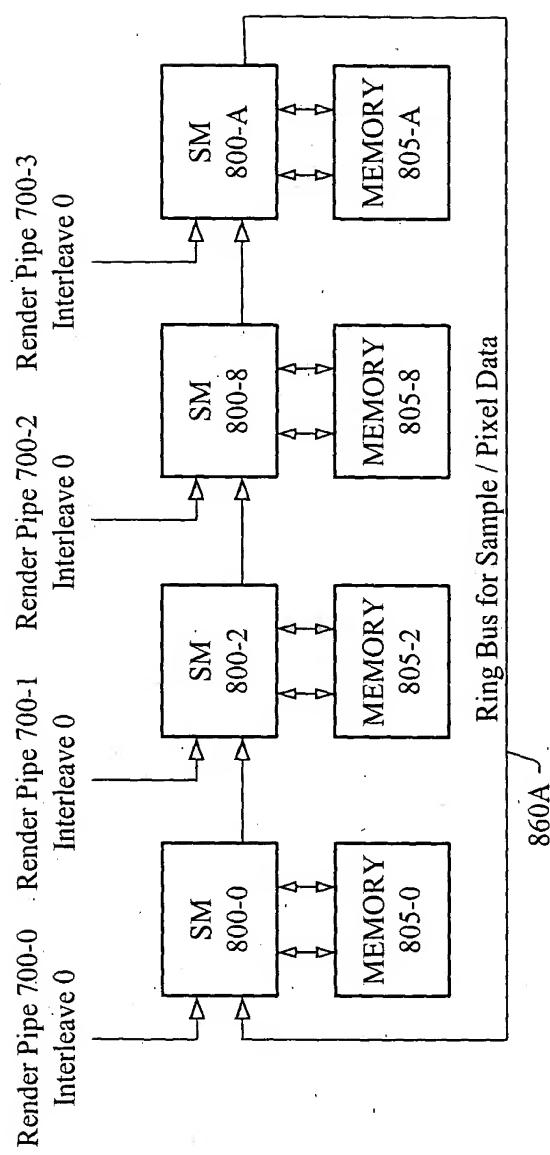


FIG. 4

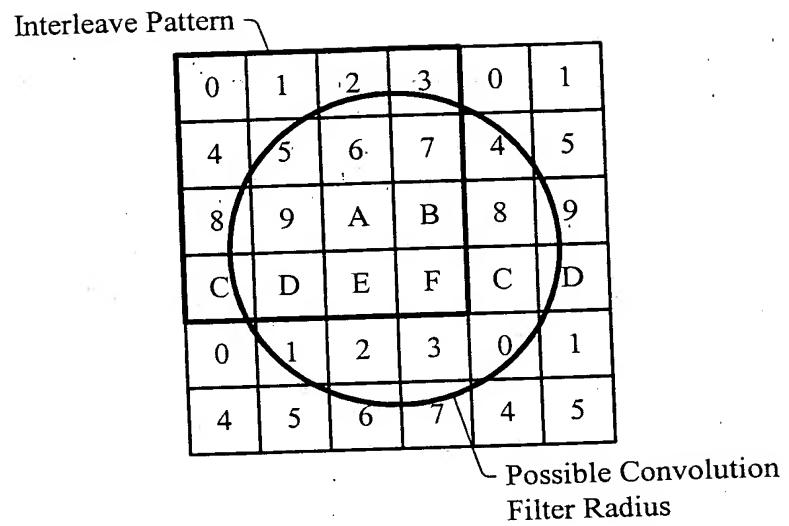


FIG. 5

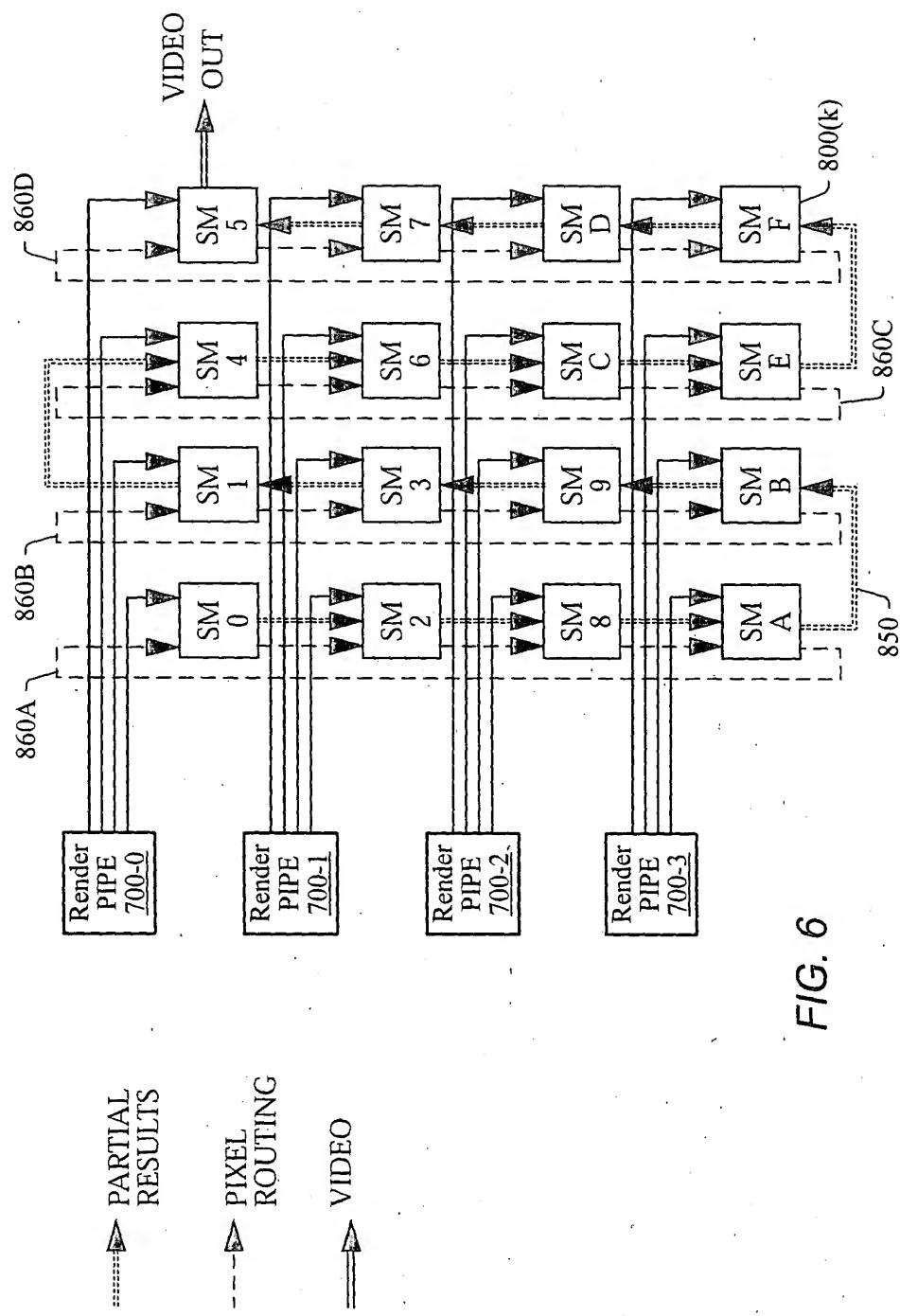


FIG. 6

Convolution Kernel

0	1	2	3	0	1	2	3
4	5	6	7	4	5	6	7
8	9	A	B	8	9	A	B
C	D	E	F	C	D	E	F
0	1	2	3	0	1	2	3
4	5	6	7	4	5	6	7
8	9	A	B	8	9	A	B
C	D	E	F	C	D	E	F

Interleave Pattern

FIG. 7

Group Interleave

16 bins	A	B	C	D			
16 bins					A	B	
	C	D					
		B	A		C	D	
			D	C	B	A	

Interleave Within Group A

Sample Bin Assignments to the Group A Sample
Managers numbered 0, 1, 2 and 3

FIG. 8

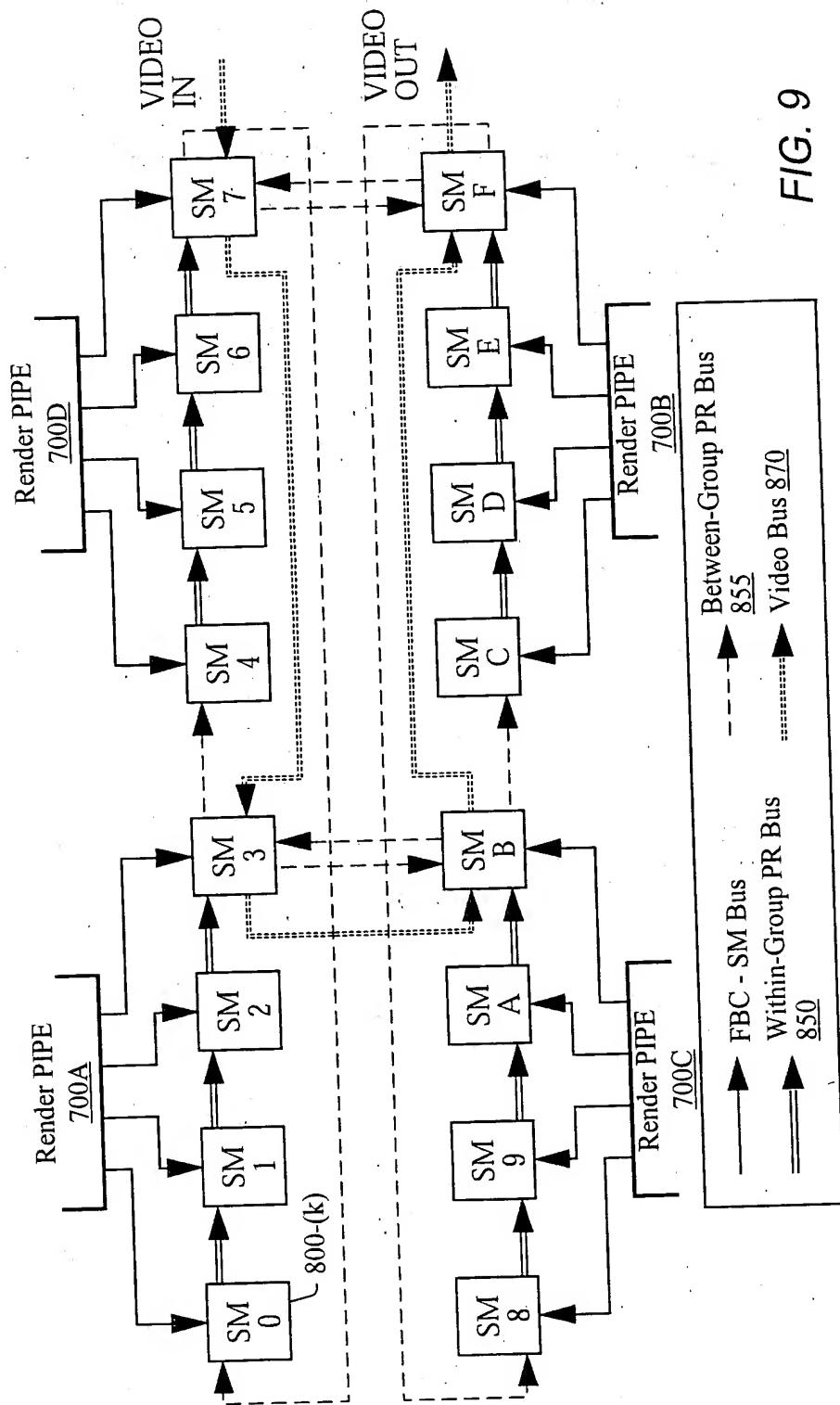
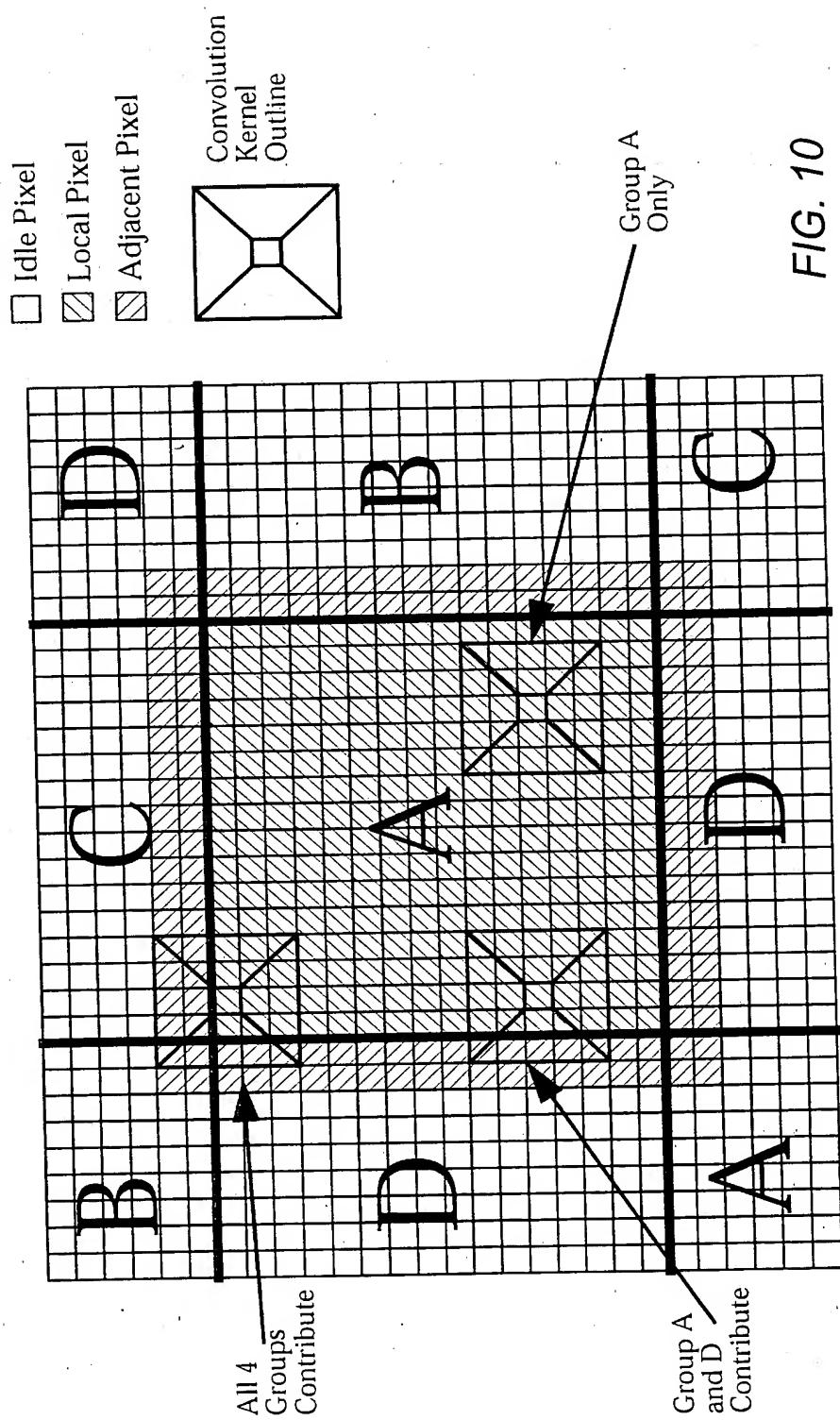


FIG. 9



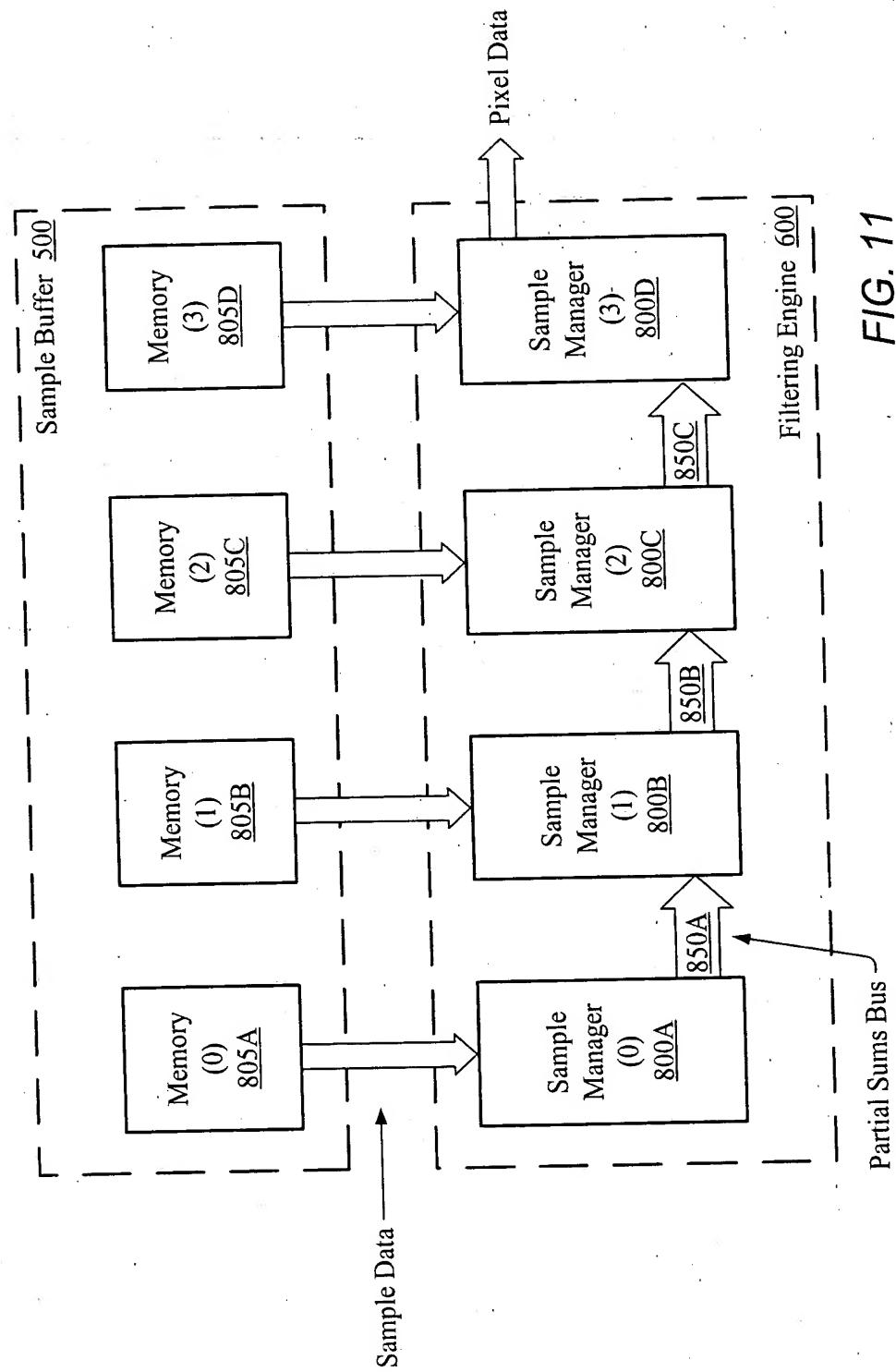


FIG. 11

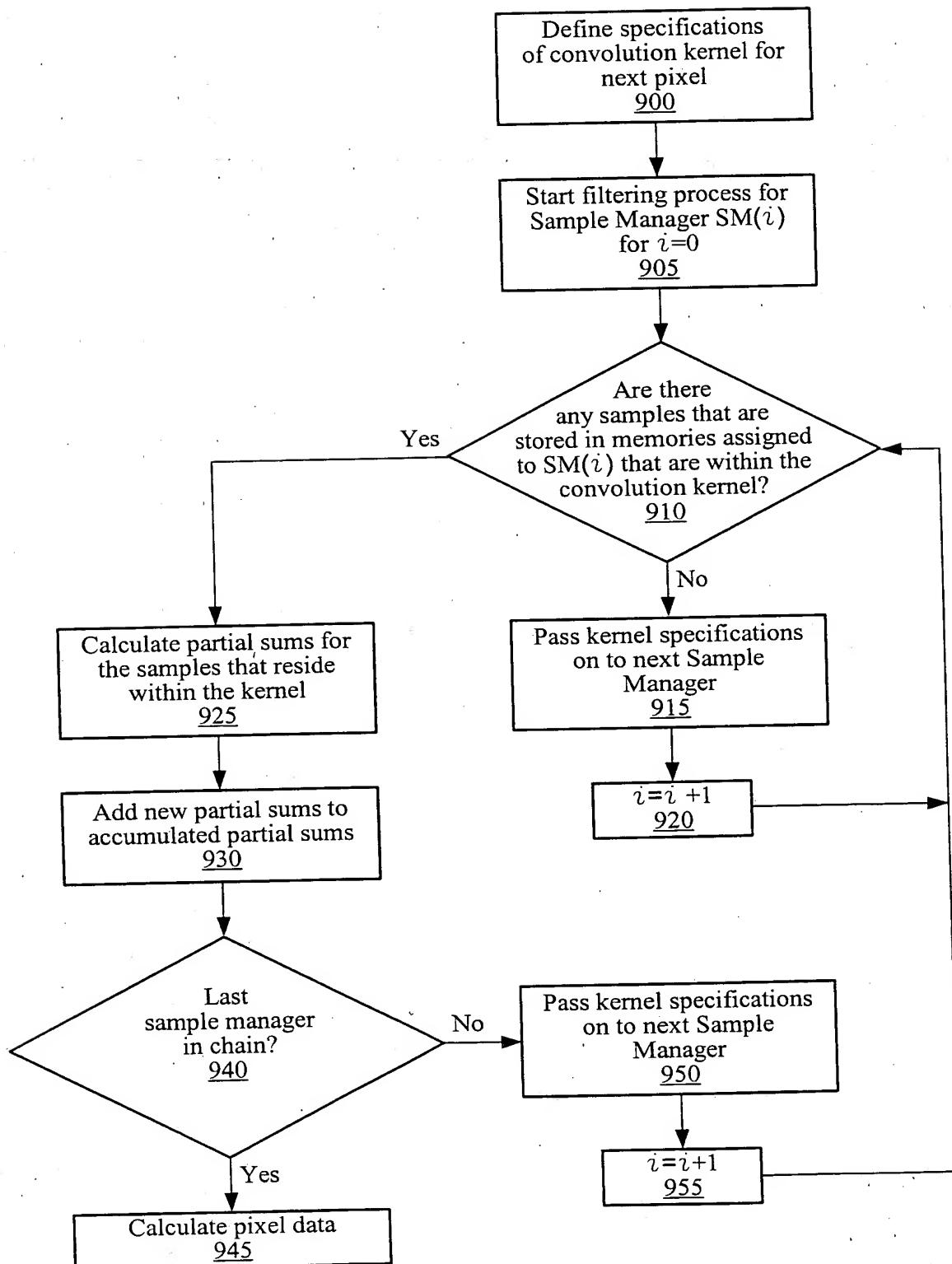


FIG. 12

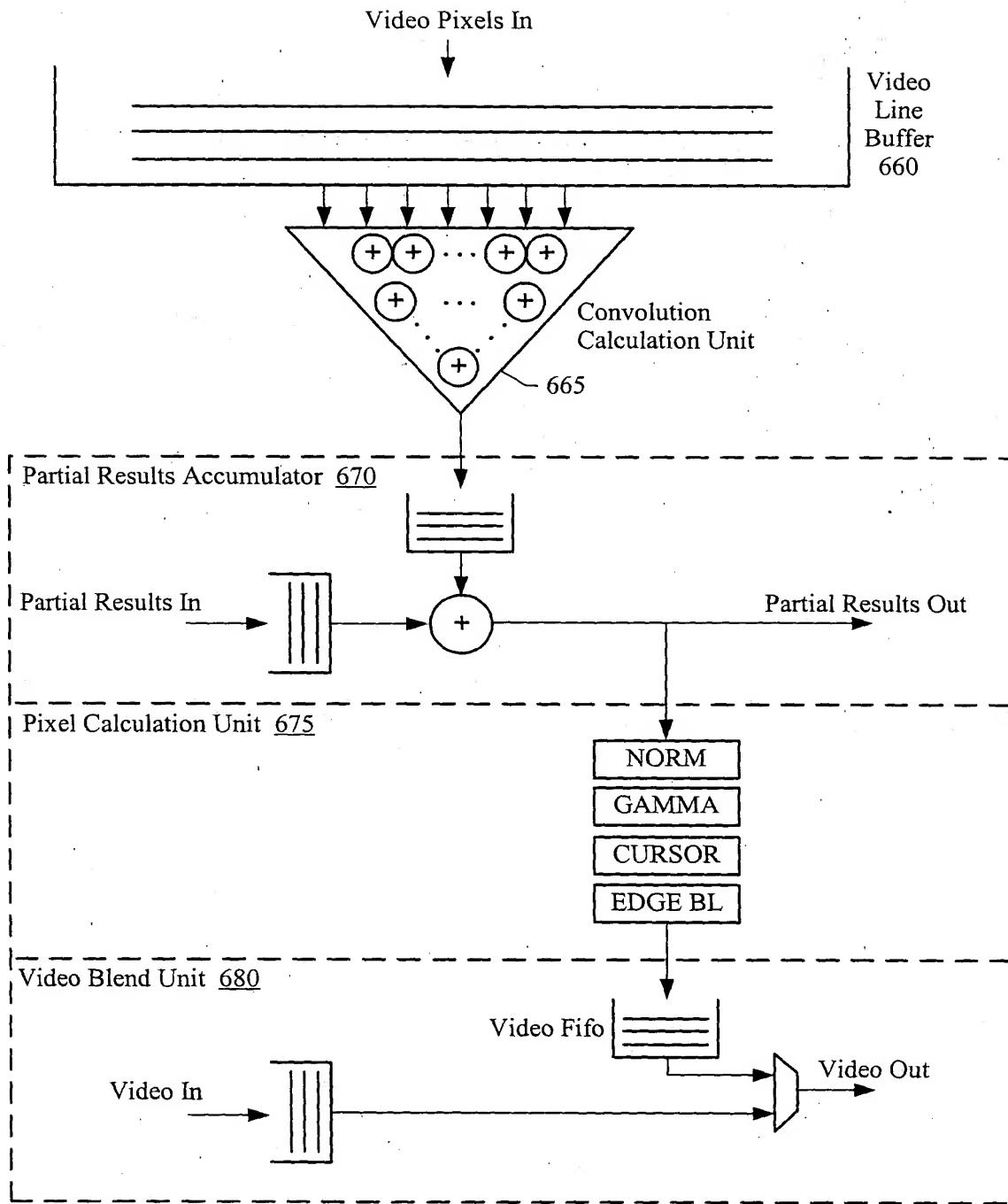


FIG. 13

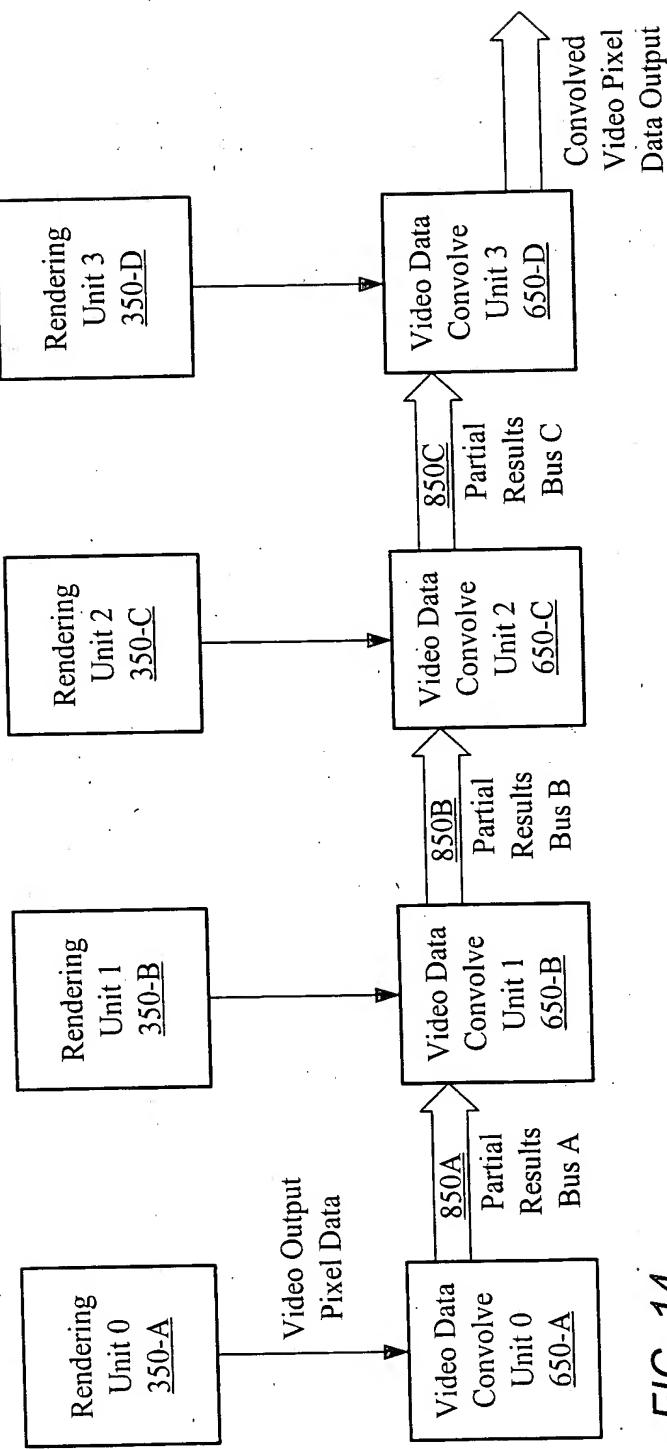


FIG. 14

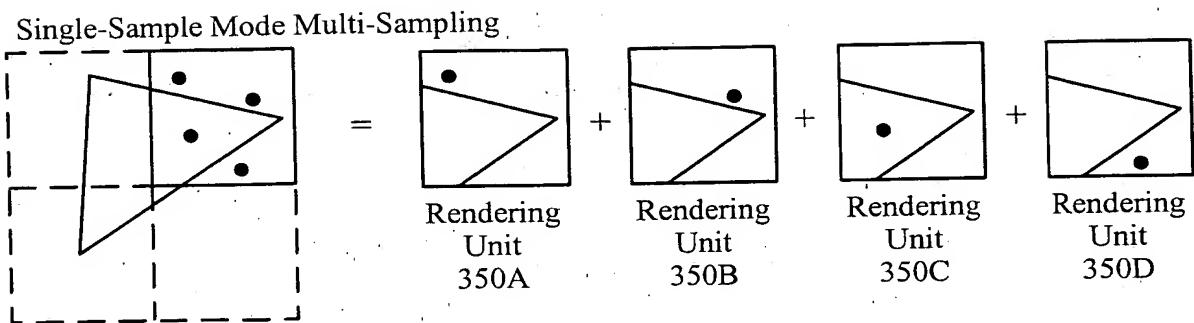


FIG. 15a

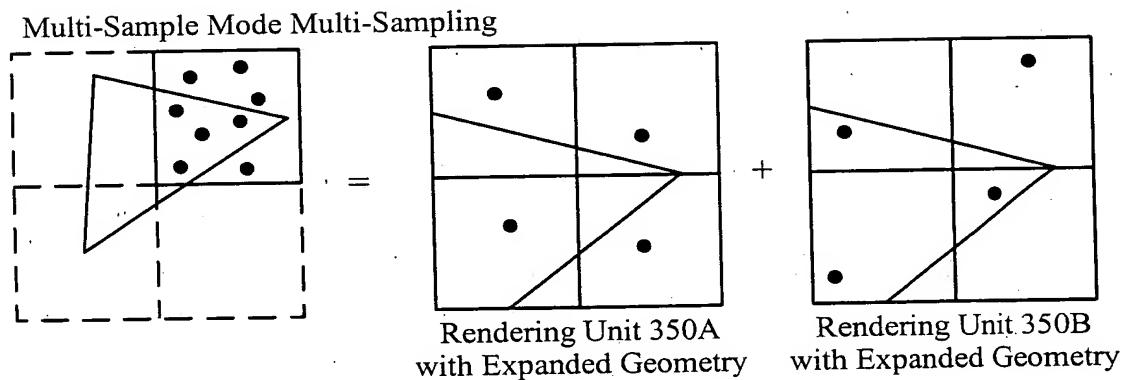


FIG. 15b

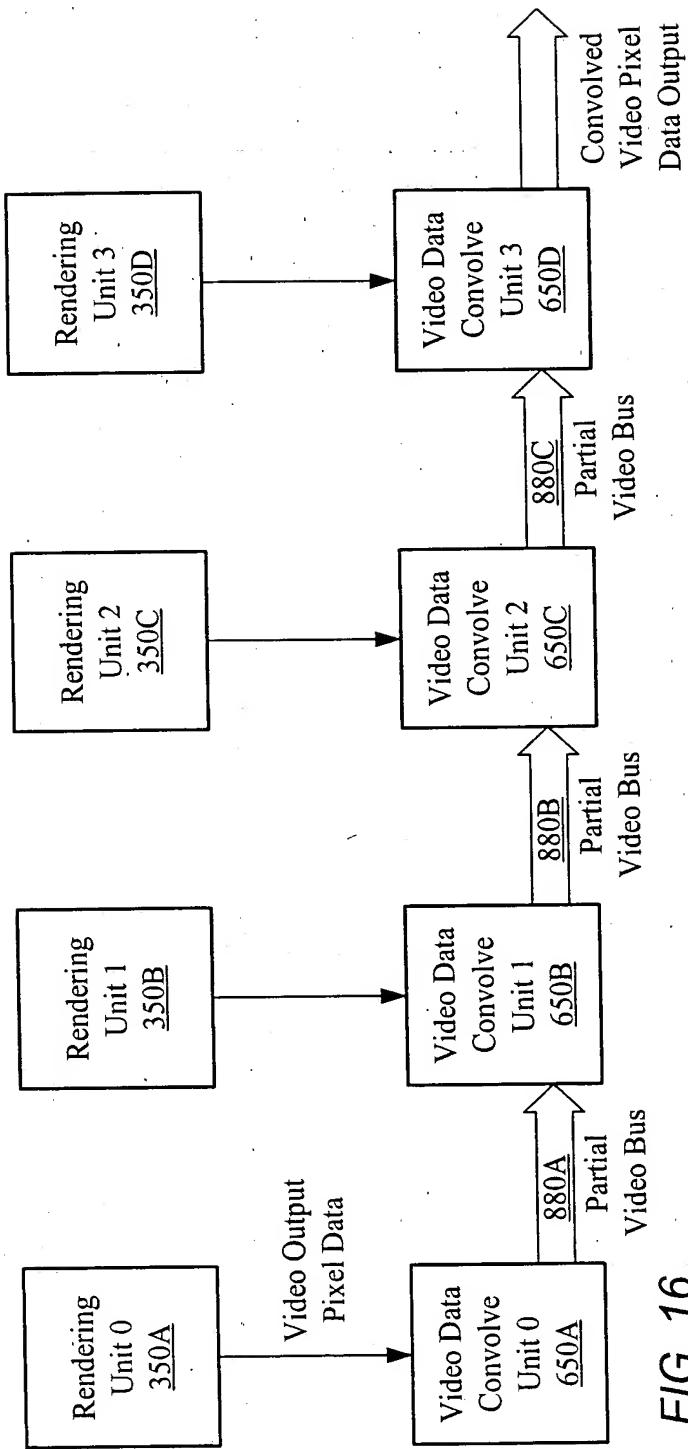


FIG. 16

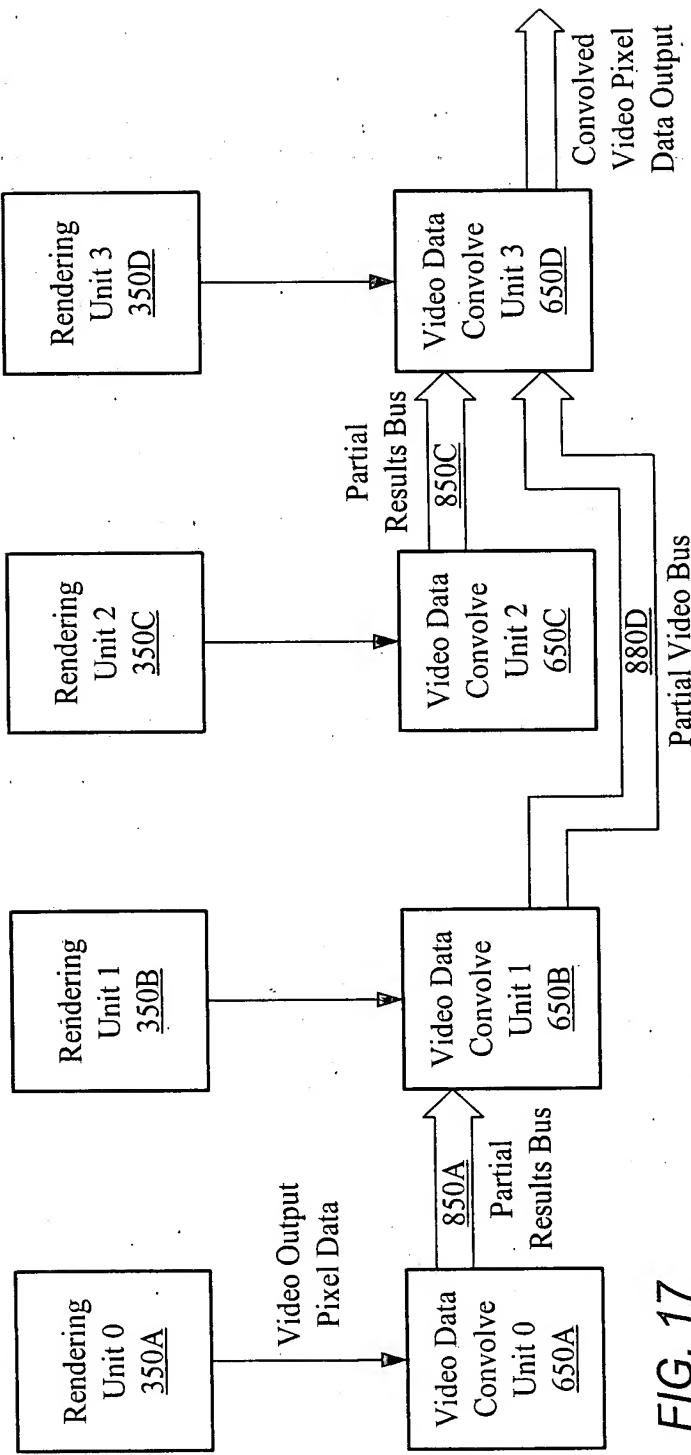


FIG. 17

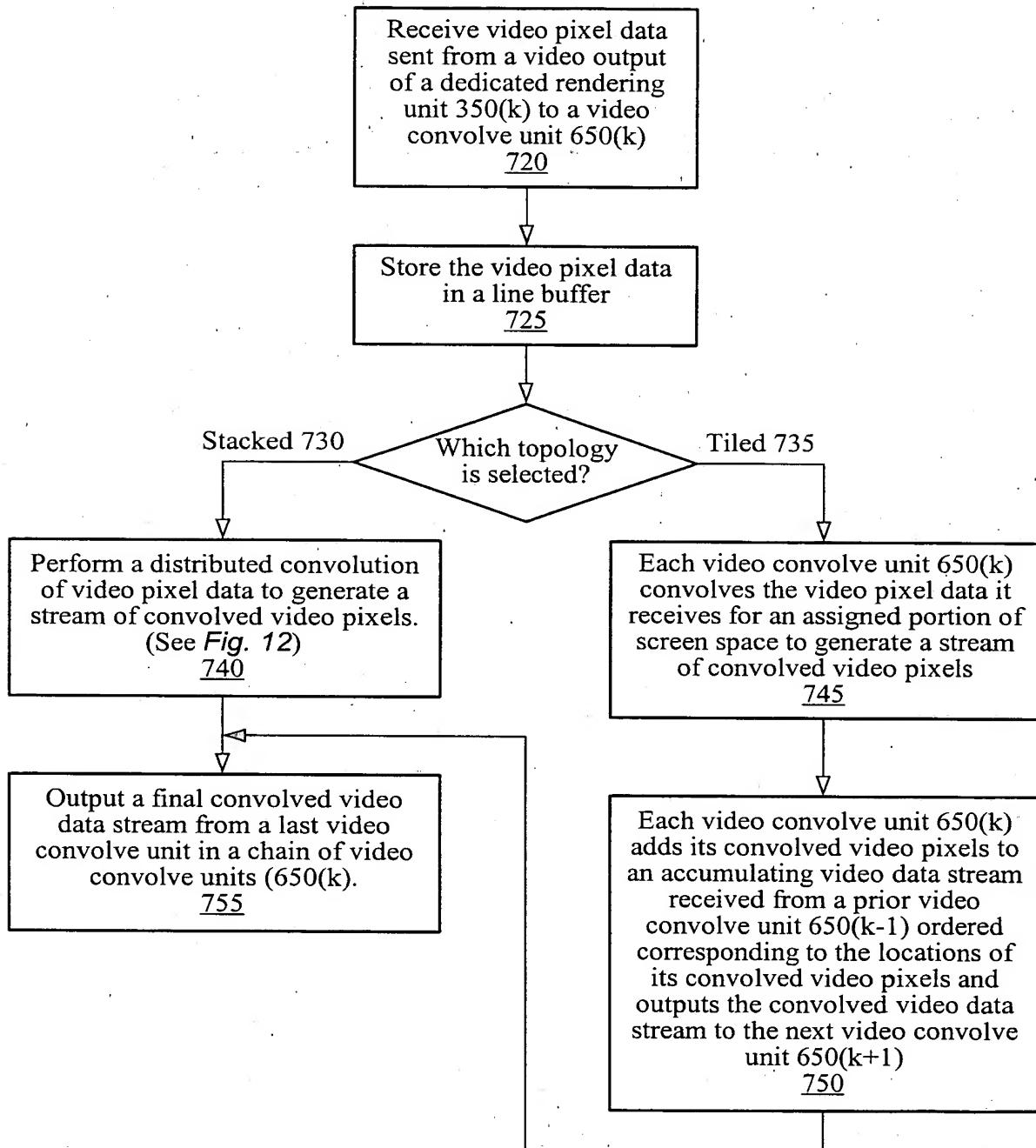


FIG. 18